

Interview Summary	Application No.	Applicant(s)	
	10/694,600	OSTREICHER ET AL.	
	Examiner	Art Unit	
	Thomas A. Morrison	3653	

All participants (applicant, applicant's representative, PTO personnel):

(1) Thomas A. Morrison. (3)_____.

(2) Alfred Dassler (Reg. No. 52,794). (4)_____.

Date of Interview: 8/12,8/16,9/6,9/14.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: _____.

Claim(s) discussed: 1-23.

Identification of prior art discussed: discussed rejection under 35 U.S.C. 112, second paragraph..

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

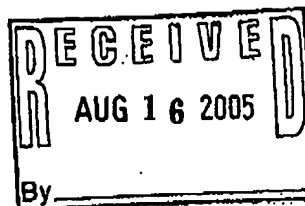
Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Received call from Mr. Dassler (applicant's representative) on 8/12/05 to discuss claim language to overcome indefiniteness rejection in Office Action of 7/29/05. Examiner faxed first proposed amendment to Mr. Dassler on 8/16/05 (copy attached) to overcome the indefiniteness rejection. Received second (different) proposed amendment from Mr. Dassler on 8/16/05 (copy attached). Discussed first and second proposed amendments with Mr. Dassler on 8/16/05. Examiner indicated that second proposed amendment would not overcome indefiniteness rejection. Mr. Dassler indicated he would send the first proposed amendment to the client for review. Received call from Mr. Dassler on 9/6/05 indicating approval of first proposed amendment. Later, the examiner called Mr. Dassler on 9/13/05 to get approval to enter a minor change to specification and received approval from Mr. Dassler on 9/14/05 for such change. This specification change is included in the examiner's amendment mailed together with this Interview Summary. During the telephone conversation on 9/14/05, Mr. Dassler also convinced the examiner that no change to the specification is needed to overcome the previous objection to the specification in the Office Action of 7/29/05. The first proposed amendment was discussed with a primary examiner prior to faxing it to Mr. Dassler on 8/16/05.



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Fax Cover Sheet

Date: 16 Aug 2005

To: Alfred Dasser THOMAS MERRISON	From: Thomas A. Morrison ALFRED DASSLER
Application/Control Number: 10/694,600	Art Unit: 3653
Fax No.: 954-925-1101	Phone No.: (571) 272-7221
Voice No.: 954-925-1100	Return Fax No.: (571) 273-7221
Re: Proposed Amendment	CC:
<input type="checkbox"/> Urgent <input type="checkbox"/> For Review <input checked="" type="checkbox"/> For Comment <input type="checkbox"/> For Reply <input type="checkbox"/> Per Your Request	

Comments:

Attached is a proposed amendment for your review and comment. If this amendment is acceptable to your client, I can enter it by an examiner's amendment. This amendment has been reviewed with a primary examiner prior to sending this facsimile. There are 8 pages including this coversheet. I look forward to receiving your comments and suggestions.

EXAMINER,

HERE IS A PROPOSAL FROM MY SIDE FOR
INDEPENDENT CLAIMS 1 & 12
TOTAL 3 PAGES.

PLEASE CALL ME UPON RECEIPT. ALFRED DASSLER
Number of pages _ Including this page

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Assembly

Claim 1 (currently amended): A spring-action suction head,
comprising:

A SPRING-ACTION SUCTION HEAD;

a first suction chamber having a volume for lifting ~~the~~ SAID
spring-action suction head and the volume being varied by
applying a vacuum; and

a second suction chamber coaxially surrounding said first
SAID SECOND SUCTION CHAMBER AND FOR APPLYING SUCTION
suction chamber ~~for~~ holding ~~the~~ SAID spring-action suction head and
for reducing a lowering speed of ~~the~~ SAID spring-action suction
head; and

a cross-flow channel being operatively connected to said
second suction chamber and having a closeable connection to
ambient surroundings.

Claim 12 (currently amended): A spring-action suction head,
comprising:

a lifting cylinder; and

a housing supporting said lifting cylinder, said housing
defining a first suction chamber having a volume for lifting
said lifting cylinder and the volume being varied by applying
a vacuum, a second suction chamber coaxially surrounding said
~~SAID SECOND SUCTION CHAMBER FOR APPLYING SUCTION~~
first suction chamber^vfor holding said lifting cylinder and
for reducing a lowering speed of said lifting cylinder, and a
closeable cross-flow channel being operatively connected to
said second suction chamber and having a connection to ambient
surroundings.



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Voice No.: 954-925-1100	Return Fax No.: (571) 273-7221
Re: Proposed Amendment	CC:
<input type="checkbox"/> Urgent <input type="checkbox"/> For Review <input checked="" type="checkbox"/> For Comment <input type="checkbox"/> For Reply <input type="checkbox"/> Per Your Request	

Comments:

Attached is a proposed amendment for your review and comment. If this amendment is acceptable to your client, I can enter it by an examiner's amendment. This amendment has been reviewed with a primary examiner prior to sending this facsimile. There are 8 pages including this coversheet. I look forward to receiving your comments and suggestions.

Number of pages __ **including this page**

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DRAFT CLAIMS FOR 10/694,600

1. (Currently Amended) A spring-action suction head,
comprising:

a lifting cylinder;

a first suction chamber having a volume for lifting the spring-action suction head and the volume being varied by applying a vacuum; and, said first suction chamber being operatively connected to said lifting cylinder for lifting said lifting cylinder from a first position to a second position;

a second suction chamber coaxially surrounding said first suction chamber for and operatively connected to said lifting cylinder for holding said lifting cylinder in the second position the spring-action suction head and for reducing a lowering speed of the spring-action suction head; and

a cross-flow channel having a closeable connection to ambient surroundings and being operatively connected to said second suction chamber and having a closeable connection to ambient surroundings such that when said lifting cylinder is released from being held in the second position, a lowering speed of said lifting cylinder is reduced during movement of said lifting cylinder from the second position to the first position.

2. (Original) The spring-action suction head according to claim 1, further comprising

a controlled vacuum supply fluidically communicating with said second suction chamber.

3. (Previously Presented) The spring-action suction head according to claim 1, wherein said cross-flow channel is an adjustable cross-flow channel.

4. (Original) The spring-action suction head according to claim 3, wherein said adjustable cross-flow channel has an adjustable length.

5. (Currently Amended) The spring-action suction head according to claim 4, ~~further comprising a~~ wherein said lifting cylinder ~~delimiting~~ delimits both said first suction chamber and said second suction chamber.

6. (Original) The spring-action suction head according to claim 5, wherein said lifting cylinder has at least one non-return valve.

7. (Original) The spring-action suction head according to claim 6, wherein said non-return valve is disposed in a through opening between said second suction chamber and atmosphere.

8. (Original) The spring-action suction head according to claim 2, further comprising

dedicated rotary valves including a first rotary valve connected to said first suction chamber and a second rotary valve connected to said second suction chamber.

9. (Original) The spring-action suction head according to claim 8, further comprising

an adjustable restrictor and said second rotary valve is connected to atmosphere through said adjustable restrictor and it is thus possible to ventilate said second suction chamber through said adjustable restrictor.

10. (Original) The spring-action suction head according to claim 5, wherein:

said adjustable cross-flow channel has a bore formed therein and disposed axially parallel to said lifting cylinder; and said second suction chamber has at least one opening formed therein connecting said second suction chamber to said bore of said cross-flow channel.

11. (Currently Amended) The spring-action suction head according to claim 10, further comprising

a closing element disposed in said bore of said adjustable cross-flow channel, said bore having an operable length being adjusted by a position of said closing element in said bore; and wherein said at least one opening in said second suction chamber being one of a plurality of openings connecting said

second suction chamber to said bore, and said closing element determining a number of said plurality of openings being available for fluidically communicating between said second suction chamber and said bore.

12. (Currently Amended) A spring-action suction head, comprising:

a lifting cylinder; and

a housing supporting said lifting cylinder, said housing defining a first suction chamber having a volume ~~for lifting said lifting cylinder and the volume~~ being varied by applying a vacuum, said first suction chamber being operatively connected to said lifting cylinder for lifting said lifting cylinder from a first position to a second position,

a second suction chamber coaxially surrounding said first suction chamber and operatively connected to said lifting cylinder for holding said lifting cylinder in the second position ~~and for reducing a lowering speed of said lifting cylinder,~~ and

a closeable cross-flow channel ~~being operatively connected to said second suction chamber and~~ having a connection to ambient surroundings and being operatively connected to said second suction chamber such that when said lifting cylinder is released from being held in the second position, a lowering speed of said lifting cylinder is reduced during movement of said lifting cylinder from the second position to the first position.

13. (Original) The spring-action suction head according to claim 12, further comprising

a controlled vacuum supply fluidically communicating with said second suction chamber.

14. (Previously Presented) The spring-action suction head according to claim 12, wherein said cross-flow channel is an adjustable cross-flow channel.

15. (Original) The spring-action suction head according to claim 14, wherein said adjustable cross-flow channel has an adjustable length.

16. (Original) The spring-action suction head according to claim 15, wherein said lifting cylinder delimits both said first suction chamber and said second suction chamber.

17. (Original) The spring-action suction head according to claim 16, wherein said lifting cylinder has at least one non-return valve.

18. (Original) The spring-action suction head according to claim 17, wherein said non-return valve is disposed between said second suction chamber and atmosphere.

19. (Original) The spring-action suction head according to claim 13, further comprising

dedicated rotary valves including a first rotary valve connected to said first suction chamber and a second rotary valve connected to said second suction chamber.

20. (Original) The spring-action suction head according to claim 19, further comprising

an adjustable restrictor and said second rotary valve is connected to atmosphere through said adjustable restrictor and it is thus possible to ventilate said second suction chamber through said adjustable restrictor.

21. (Original) The spring-action suction head according to claim 16, wherein:

said adjustable cross-flow channel has a bore formed therein and disposed axially parallel to said lifting cylinder; and

said second suction chamber has at least one opening formed therein connecting said second suction chamber to said bore of said cross-flow channel.

22. (Currently Amended) The spring-action suction head according to claim 21, further comprising

a closing element disposed in said bore of said adjustable cross-flow channel, said bore having an operable length being adjusted by a position of said closing element in said bore; and wherein said at least one opening in said second suction chamber being one of a plurality of openings connecting said

second suction chamber to said bore, and said closing element determining a number of said plurality of openings being available for fluidically communicating between said second suction chamber and said bore.

23. (Currently Amended) The spring-action suction head according to claim 1, ~~further comprising:~~ wherein

[[a]] said lifting cylinder is disposed at said first suction chamber, said connection to ambient surroundings being closeable by [[a]] the movement of said lifting cylinder from the second position to the first position.